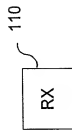


above ground



underground

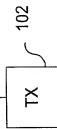


FIG. 1

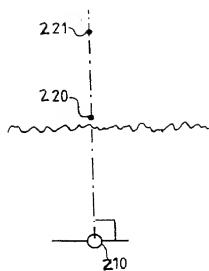


FIG. 2A

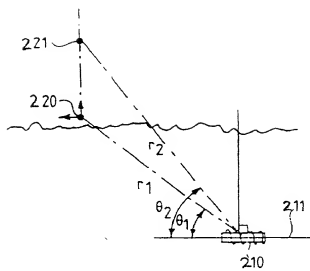


FIG. 2B

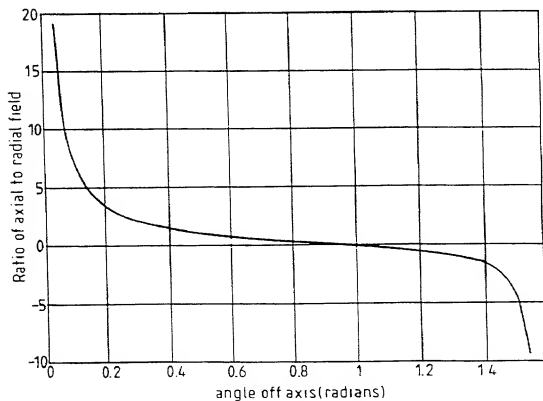


FIG. 3

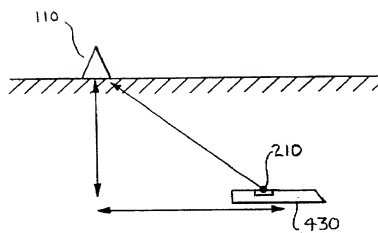


FIG. 4

TRANSMIT DEVICE 102

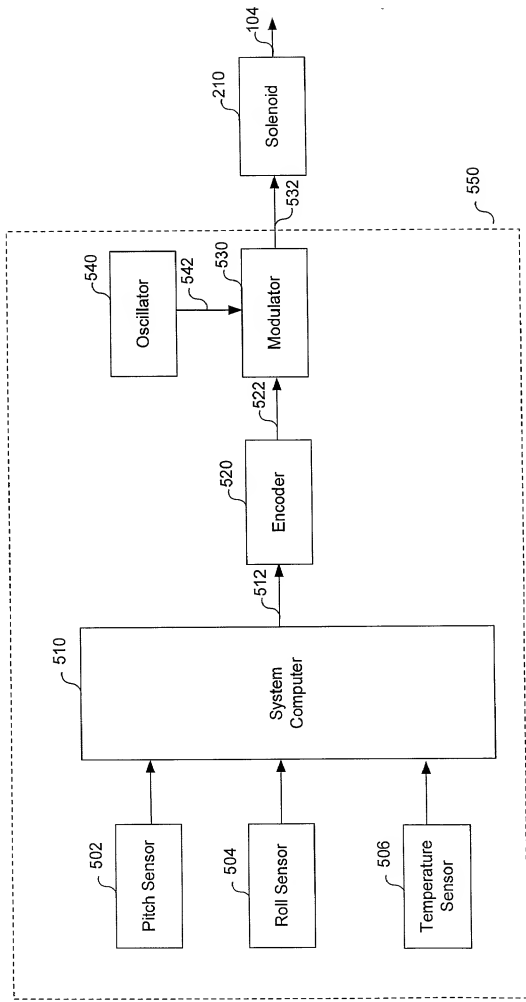


FIG. 5

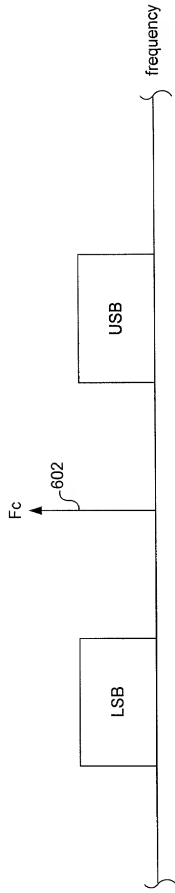


FIG. 6

10:0000 91281660

RECEIVE DEVICE 110

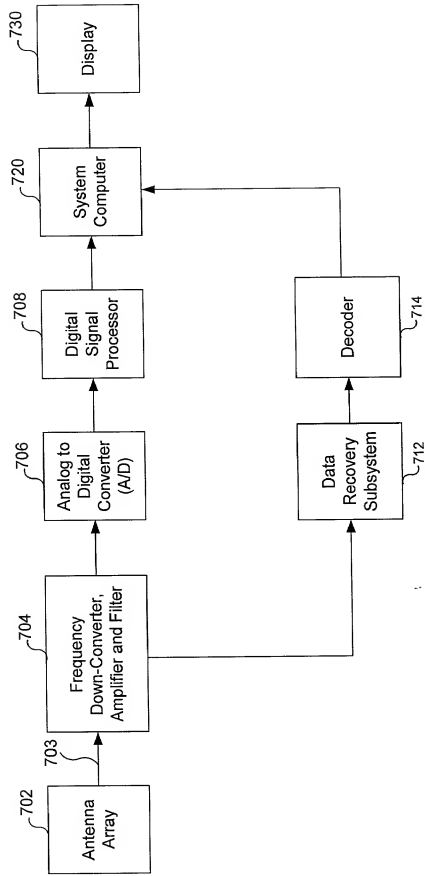


FIG. 7

DIGITAL SIGNAL PROCESSOR 708

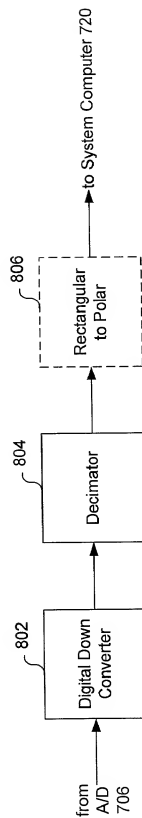


FIG. 8

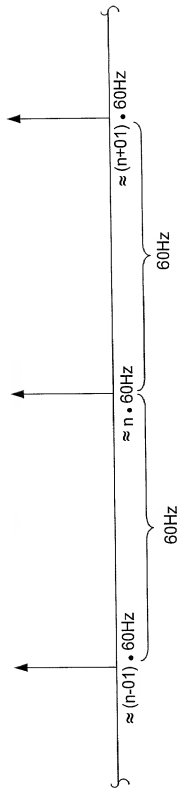


FIG. 9A

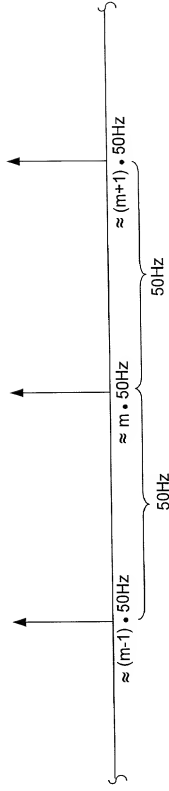


FIG. 9B

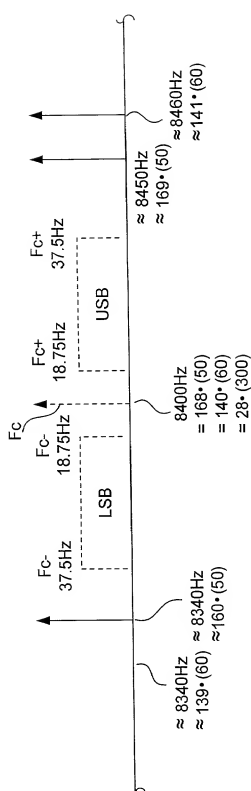


FIG. 9C

09918716.080101

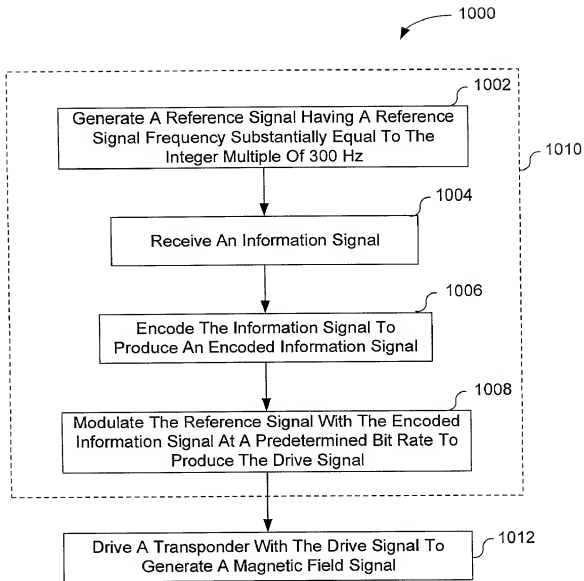


FIG. 10

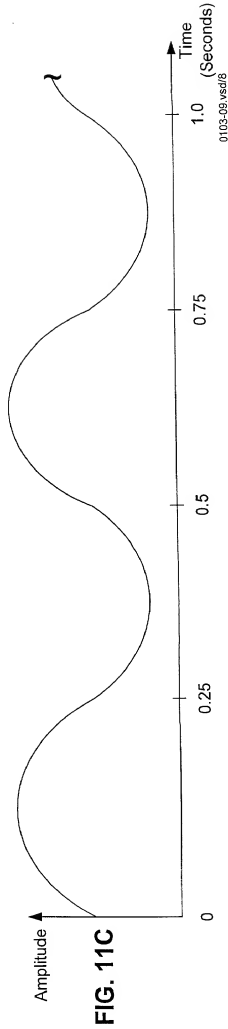
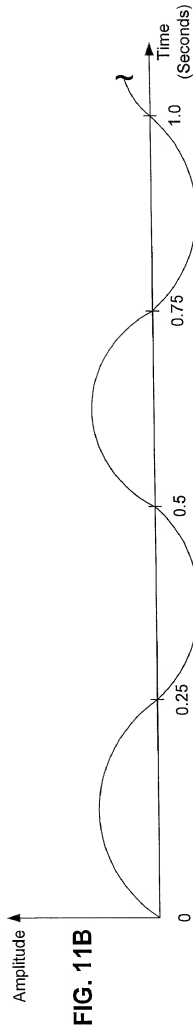
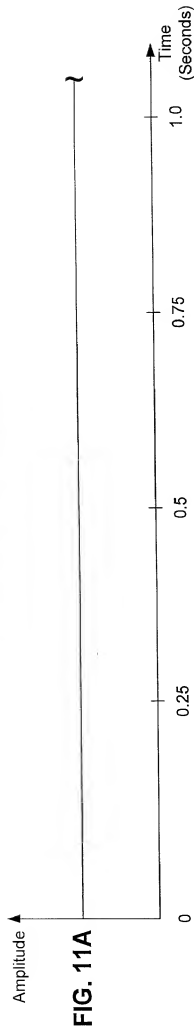


FIG. 12

6/19/2010 10:10:10

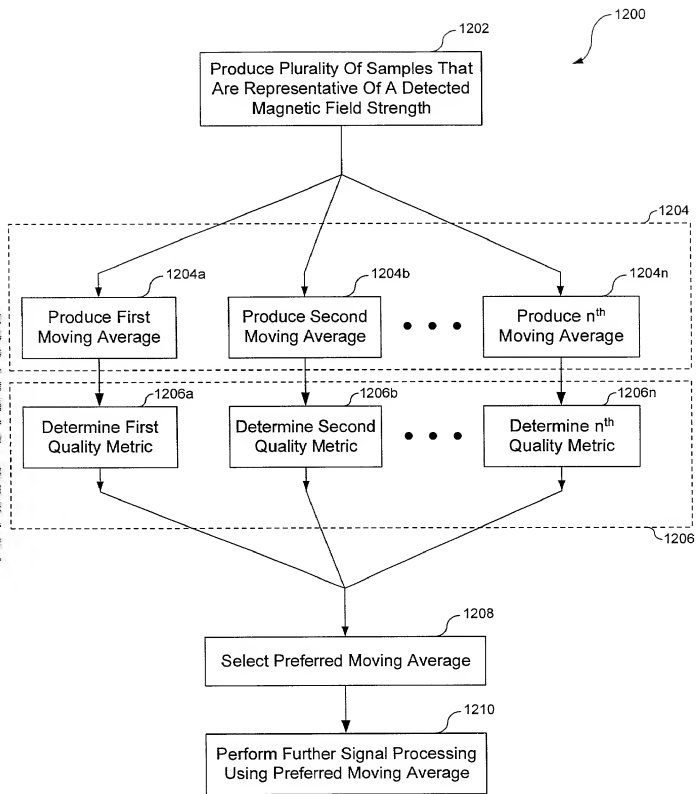


FIG. 12

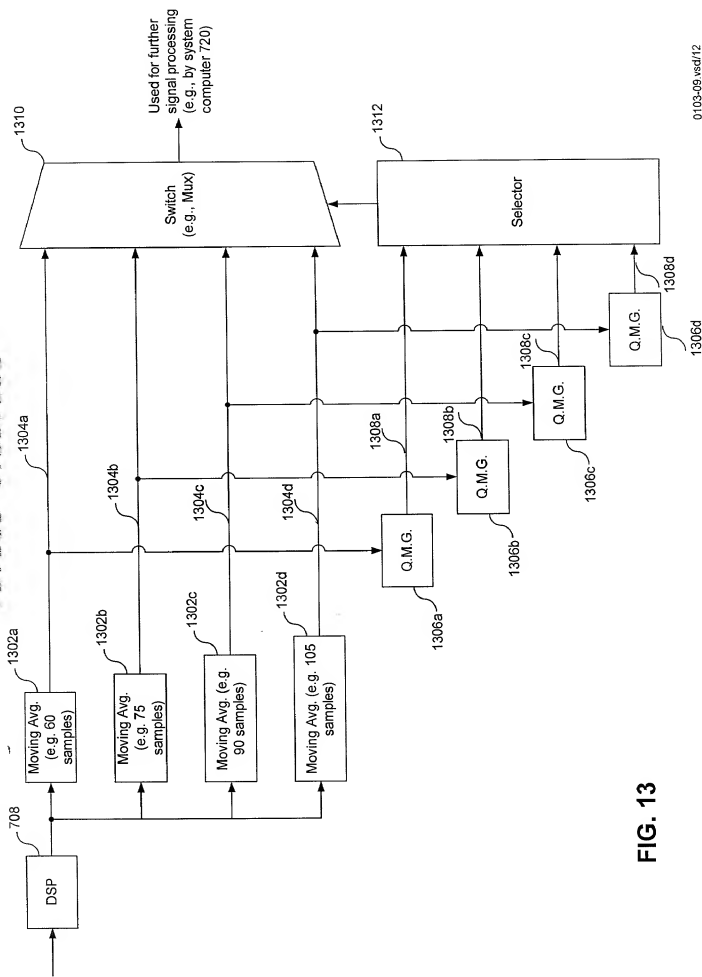


FIG. 13